FIG 1a

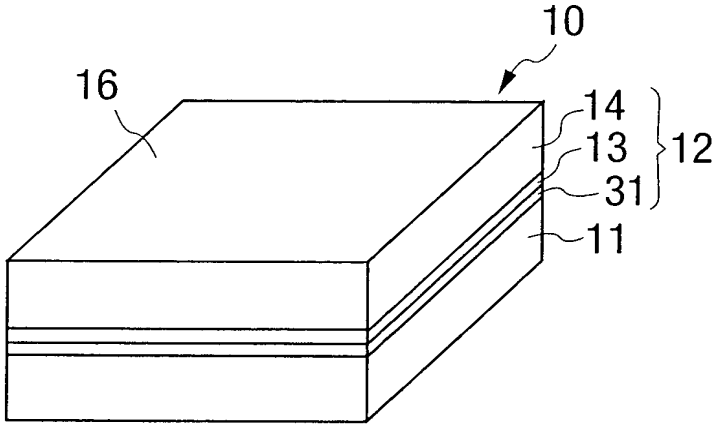


FIG 1b

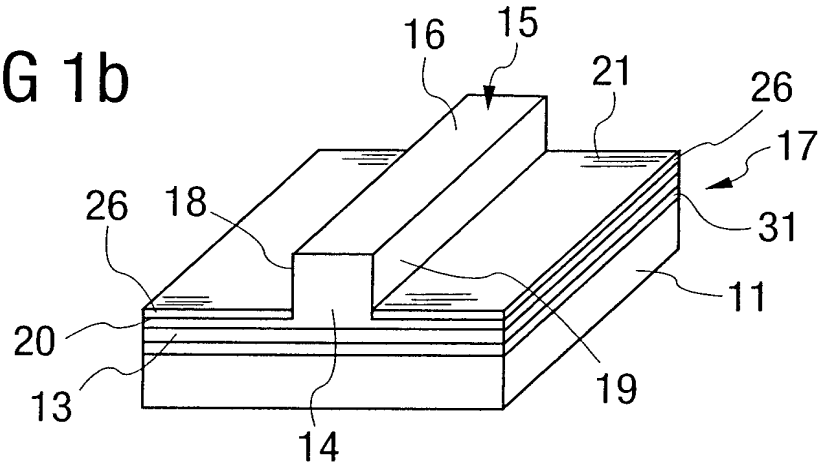


FIG 1c

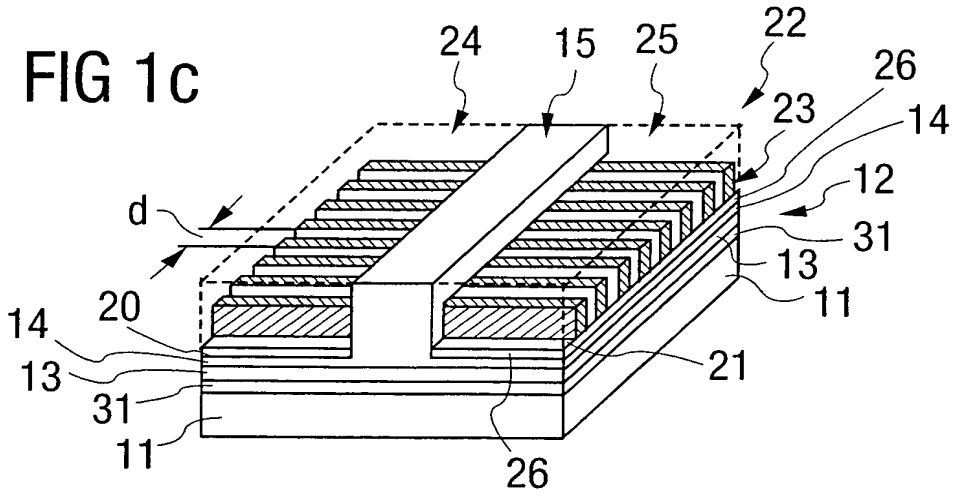


FIG 2

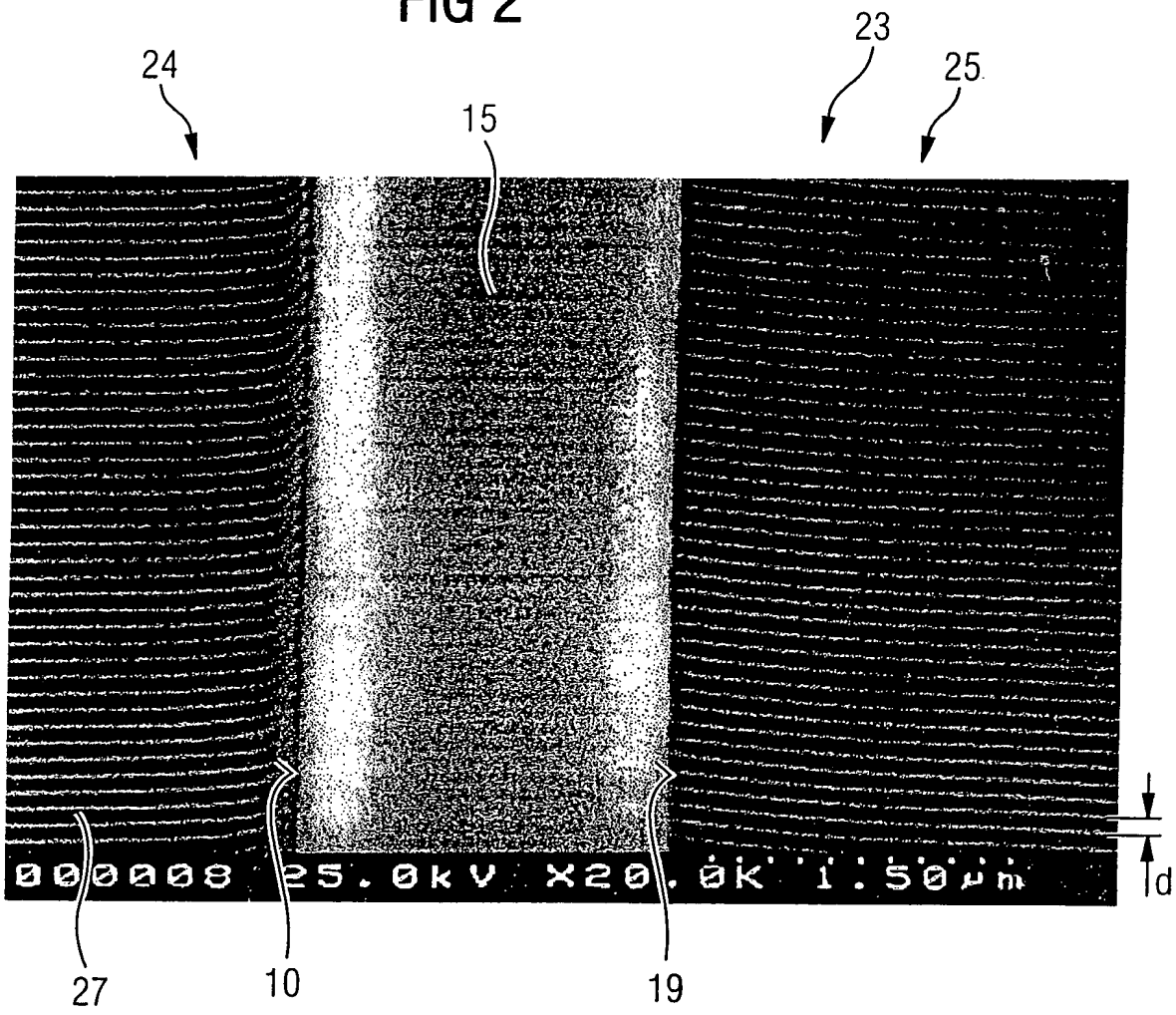


FIG 3

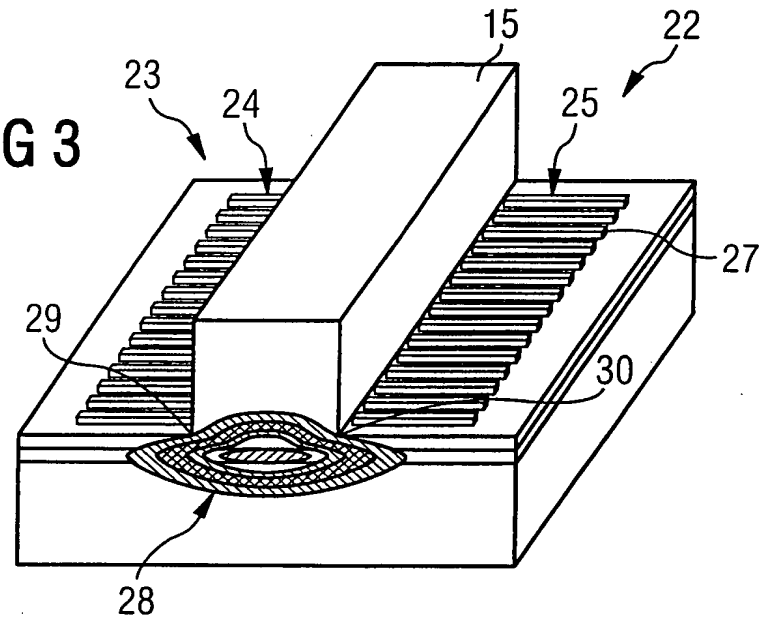

15
22
23
24
25
27
29
30
28

FIG 4

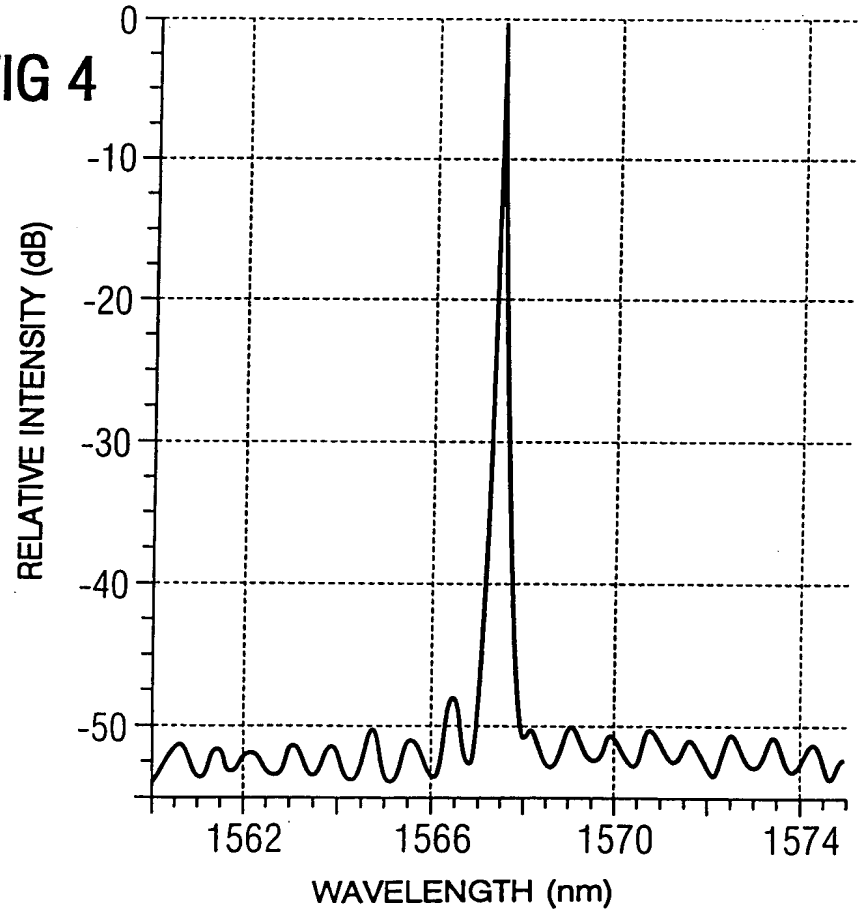
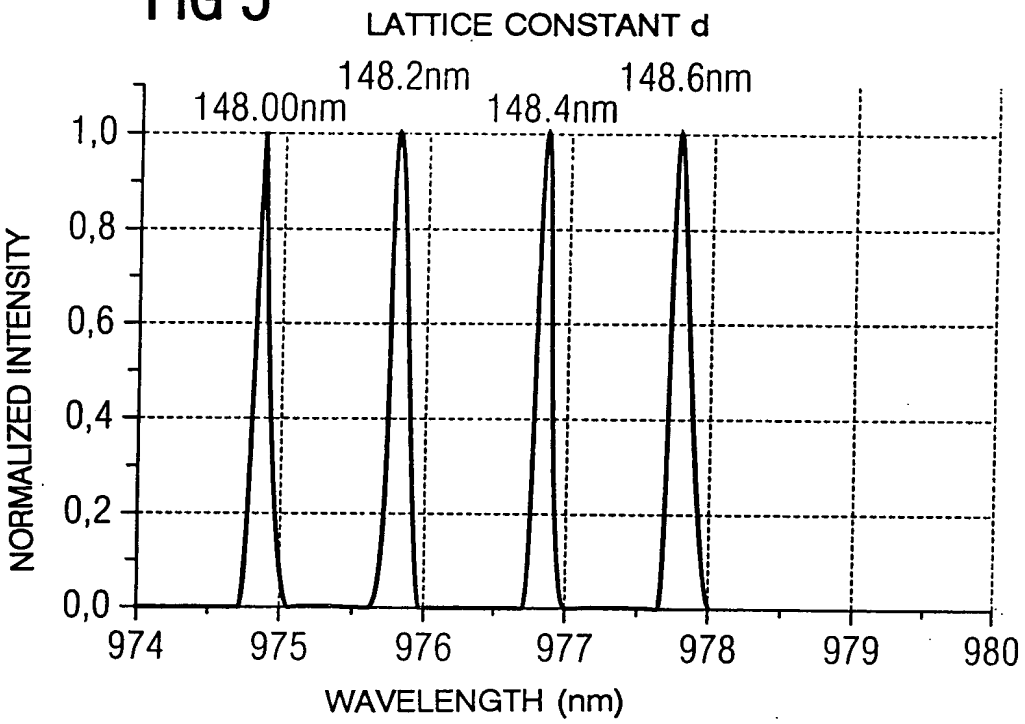

0
-10
-20
-30
-40
-50
RELATIVE INTENSITY (dB)
1562
1566
1570
1574
WAVELENGTH (nm)

FIG 5


LATTICE CONSTANT d
148.00nm
148.2nm
148.4nm
148.6nm
NORMALIZED INTENSITY
1,0
0,8
0,6
0,4
0,2
0,0
974
975
976
977
978
979
980
WAVELENGTH (nm)